

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	693	(381/1).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 11:29
S3	13	watanuki.in. and music	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 12:05
S4	1745	Kabushiki.AS. and music	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 11:32
S5	41	Kabushiki.AS. and music and headphone and player	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 16:50
S6	10	381/311,334,74.ccls. and ((headphone or headset) with display)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 20:24
S7	48	((audio adj2 player) with display) same wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 13:06
S8	27	(audio adj2 player) same wireless same (headphone or headset)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 12:20
S9	209	(player) same wireless same (headphone or headset)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 12:01
S10	47	(player) same wireless same (headphone or headset) same display	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 12:46
S11	70	(player) same wireless same display same antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 12:04
S12	111257	(player)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 12:06
S13	69	bluetooth and (audio adj2 player) and (headphone or headset)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 12:08
S14	182	bluetooth and ((MP3 or CD) adj2 player) and (headphone or headset)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 12:09
S15	69	bluetooth and ((MP3 or CD) adj2 player) with display	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 12:11
S16	599	wireless adj2 (headphone or headset)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/22 14:31

## EAST Search History

S17	19	wireless adj2 (headphone or headset) and (ear adj2 (hook or loop))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/20 16:05
S18	16	wireless adj2 (headphone or headset) and (ear adj2 (hook or loop)) and speaker	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 12:14
S19	16	381/311,334,74.ccls. and wireless adj2 (headphone or headset)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 17:11
S20	61	((audio or MP3 or CD) adj2 player) with circ\$5 with display	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 12:21
S21	3	((audio or MP3 or CD) adj2 player) with circ\$5 with display) same antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 12:22
S22	31	((audio or MP3 or CD) adj2 player) with display) same antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 12:25
S23	0	"455"/\$.ccls. and ((audio or CD or MP3) adj2 player) same transmitter same (error adj2 code)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 12:26
S24	1	((audio or CD or MP3) adj2 player) same transmitter same (error adj2 code)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 13:17
S25	12	((audio or CD or MP3) adj2 player) near3 display) same wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 13:08
S26	8	((audio or CD or MP3) adj2 player) near3 (circle or round or circular))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 13:09
S27	46	((audio or CD or MP3) adj2 player) with (circle or round or circular))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 13:09
S28	18	((audio or CD or MP3) adj2 player) and (headphone or headset) and transmitter and (error adj3 code)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 14:43
S29	2	((audio or CD or MP3) adj2 player) and (headphone or headset) and re-transmi\$8 and (error adj3 code)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 14:45
S30	638	((audio or CD or MP3) adj2 player) and (headphone or headset) and wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 14:46
S31	391	((audio or CD or MP3) adj2 player) and (headphone or headset) and wireless and voice	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 14:46

## EAST Search History

S32	45	((audio or CD or MP3) adj2 player) same (headphone or headset) same wireless and voice	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 14:56
S33	100	((audio or CD or MP3) adj2 player) same (headphone or headset) same wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 15:10
S34	1438	(455/556.1,41.2).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 15:10
S35	1884	(455/343.5,574,575.1).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 15:52
S36	37	455/343.5,574,575.1.ccls. and (headphone or headset) same wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 13:19
S37	29	455/343.5,574,575.1.ccls. and (player) same wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 15:55
S38	18	("20010016508"   "20020102946"   "3889190"   "4484029"   "4882745"   "5485517"   "5504812"   "5657210"   "6016347"   "6073033"   "6141540"   "6230028"   "6266236"   "6347218"   "6360104"   "6535461"   "6549789"   "D427172").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 16:04
S39	1	((("5623533") or ("2002065062")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/07 16:05
S40	2	((("5623533") or ("20020065062")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/07 16:06
S41	3	(music adj3 reproduction) same headphone same player and wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 16:12
S42	38	((CD adj2 player) with display) same wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 16:13
S43	1058	((circular or round) adj2 player)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 16:14
S44	2	(circular or round) adj2 ((audio or CD) adj2 player)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 16:13
S45	22	((wireless) adj2 player) same audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 16:40

## EAST Search History

S46	3	(sports or athletic) near3 ((audio or MP3 or CD) adj2 player)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 16:30
S47	59	(sports or athletic) same ((audio or MP3 or CD) adj2 player)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 16:28
S48	16	((sports or athletic) near3 player) same audio	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 16:36
S49	21	700/94.ccls. and (headset or headphone) same wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 16:38
S50	109	700/94.ccls. and (audio or MP3 or CD) same wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 16:38
S51	22	700/94.ccls. and ((audio or MP3 or CD) adj2 player) same wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 16:39
S52	30	(wireless) adj2 ((MP3 or CD) adj2 player)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 16:40
S53	17	wireless and (headphone or headset) and (ear adj2 (hook or loop)) and player	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/07 16:56
S54	1	("6727421").PN.	USPAT	OR	OFF	2005/09/20 15:48
S55	4	381/1,311,334,74.ccls. and ((headphone or headset) with display) and (audio adj2 player)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/20 15:57
S56	6	455/343.5,574,575.1.ccls. and (headphone or headset) same wireless and circular	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/20 16:03
S57	16	wireless adj2 (headphone or headset) and (ear adj2 (hook or loop)) and speaker	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/20 16:07
S58	30	antenna and (headphone or headset) and (ear adj2 (hook or loop)) and speaker	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/20 16:09
S59	49	(audio adj2 player) same (display) same switch	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/20 16:10
S60	1	(audio adj2 player) same (display) same switch same (circular)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/20 16:11
S61	6	(audio adj2 player) same (display) same switch and (circular)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/20 16:11

## EAST Search History

S62	26	455/343.5,574,575.1.ccls. and (audio or CD) adj2 player	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/20 16:13
S63	480	Kabushiki.AS. and audio same player	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/20 16:17
S64	29	Kabushiki.AS. and audio same player and headphone	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/20 16:17
S65	82	Kabushiki.AS. and audio same player same display	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/20 16:18
S66	14	("20020072818"   "20030176937"   "5051736"   "5477012"   "5652412"   "5661506"   "5692073"   "5852434"   "5905251"   "5995105"   "6076734"   "6290134"   "6486875"   "6498604").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/20 16:25
S67	413	(381/311,334,74).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/20 16:29
S68	4	((("5708724") or ("6230029") or ("20040242242") or ("20040073932")).PN.	US-PGPUB; USPAT	OR	OFF	2006/02/21 15:09
S69	0	wireless adj2 (headphone or headset) same circ\$5 same (ear near2 hook)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/22 14:20
S70	21	wireless adj2 (headphone or headset) same circ\$5 same (ear)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/22 14:20
S71	29	("4558178"   "4882745"   "5113428"   "5191602"   "5426689"   "5557653"   "5586176"   "5590417"   "5596638"   "5613222"   "5721775"   "5745859"   "5757944"   "5787166"   "5926532"   "5943627"   "5978689"   "5991645"   "6006115"   "6097809"   "6101260"   "6104824"   "6130953"   "6229893"   "6230029"   "6252970"   "6256386"   "6269259"   "6396935").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/22 14:28
S72	17	S71 and antenna	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/22 14:28

## EAST Search History

S73	58	wireless adj2 (headphone or headset) same ((audio or CD or MP3) adj2 player)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/22 14:31
S74	144	((audio or CD or MP3) near2 player) same wireless same (headphone or headset)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 12:58
S75	1	receiver adj2 streaming adj2 signals	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 12:59
S76	16	receiver same streaming adj2 signals	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 12:59
S77	13	455/343.5,574,575.1.ccls. and ((headphone or headset) same wireless) and ((audio or CD or MP3) near2 player)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 13:20
S78	99	"455"/\$.ccls. and ((headphone or headset) same wireless) and ((audio or CD or MP3) near2 player)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 13:49
S79	791	381/107	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 13:37
S80	0	"455"/\$.ccls. and (pluarlity with (headphone or headset) with wireless)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 13:50
S81	32	"455"/\$.ccls. and (plurality with (headphone or headset) with wireless)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:34
S82	52	(plurality with (headphone or headset) with wireless)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 09:55
S83	1	("6728518").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/21 15:09
S84	1	S83 and antenna	USPAT	OR	OFF	2006/02/21 15:09
S85	3	("6728518").URPN.	USPAT	OR	OFF	2006/02/21 15:10
S86	20	("4084139"   "4872854"   "5152003"   "5161250"   "5265264"   "5438702"   "5508695"   "5513384"   "5549940"   "5606743"   "5666658"   "5734964"   "5790946"   "5909653"   "5930405"   "5953656"   "5959290"   "6064860"   "D291990"   "D382275").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/21 15:11

## EAST Search History

S87	13	watanuki.in. and music	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 15:13
S88	1	S87 and switch and circular and rotat\$5 and antenna and speaker and wireless and hook and ear and power and card and slot and audio and player	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 15:13
S89	127	381/311,334,74.ccls. and (circ\$7 with (headphone or headset))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 15:39
S90	9	381/311,334,74.ccls. and (circle or circular) with (headphone or headset)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 15:41
S91	5	"455"/\$.ccls. and (circle or circular) with (headphone or headset)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 15:42
S92	8	"455"/\$.ccls. and (headphone or headset) same wireless same (hook or loop) same antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 15:43
S93	25	(headphone or headset) same wireless same (hook or loop) same antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 15:43
S94	5	381/311.ccls. and (headphone or headset) same antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 16:41
S95	16	Kabushiki.AS. and (headphone or headset) and player and antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/21 16:50
S96	16	("20020021800"   "20020090099"   "20020198021"   "20030157903"   "20030210801"   "20040136543"   "20040198464"   "20040204207"   "20040242278"   "20040253972"   "20050017911"   "4041497"   "4882745"   "5815126"   "5886667"   "6356773").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/21 16:51
S97	0	381/311,334,74.ccls. and each with (headphone) with receiver	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 09:34
S98	6	381/311,334,74.ccls. and left with right with (headphone) with receiver	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 10:19
S99	0	each with (headphone) with receiver	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 09:34

## EAST Search History

S10 0	23	both with (headphones or earphones) with receiver	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 09:35
S10 1	13	watanuki.in. and music	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 09:37
S10 2	0	S101 and each and receiver and left and right	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 09:37
S10 3	0	S101 and each	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 09:37
S10 4	0	S101 and "each" and receiver and left and right	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 09:39
S10 5	4	S101 and receiver and left and right	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 09:39
S10 6	47	(plurality with (headphone or headset) with wireless) and (audio or sound)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 09:55
S10 7	7	("5555466"   "5771441"   "6058288"   "6243645"   "6266815"   "6300880"   "6317039").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 09:56
S10 8	8	381/311,334,74.ccls. and (headphone or earphone) and (hook) and wireless and \$4speak\$2 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 10:20
S10 9	263	(headphone or earphone) and (hook) and wireless and \$4speak\$2 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 10:21
S11 0	22	(headphone or earphone) same (hook) same wireless and \$4speak\$2 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 10:21
S11 1	22	(headphone or earphone) same (hook) same wireless and \$4speak\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 10:22
S11 2	60	(headphone or earphone) same (hook) and wireless and \$4speak\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 10:23
S11 3	7	(headphone or earphone) same (hook) and wireless and \$4speak\$2 and (circular)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 10:24



## EAST Search History

S11 4	5	(headphone or earphone) same (hook) and wireless and \$4speak\$2 and (circular) and power and antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 10:25
S11 5	25	(headphone or earphone) same (hook) and wireless and \$4speak\$2 and power and antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 15:07
S11 6	6	("5191602"   "5210792"   "5369857"   "5757944"   "5812659"   "6058198").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 11:16
S11 7	4	("6373942").URPN.	USPAT	OR	OFF	2006/02/23 11:16
S11 8	10	("3826987"   "4302635"   "4319095"   "5420935"   "5581627"   "5590417"   "5708720"   "5960094"   "6084976"   "6373942").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 11:20
S11 9	124	(headphone or earphone) and (hook) and wireless and \$4speak\$2 and power and antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 15:15
S12 0	322	(381/374,375).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 15:18
S12 1	15	S120 and antenna and speaker and power	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 15:18
S12 2	444	(381/374,375,381).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 15:18
S12 3	25	S122 and antenna and speaker and power	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 15:19
S12 4	19	S122 and antenna and speaker and power and wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 15:31
S12 5	1245	antenna same (face or side) same speaker same antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 15:31
S12 6	466	antenna same (face or side) same speaker same antenna and wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 15:32
S12 7	73	antenna same (face or side) same speaker same antenna and wireless and (headset or headphone or headphones or earphone or earphones)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 15:33

## EAST Search History

S12 8	73	antenna same (face or side) same speaker and antenna and wireless and (headset or headphone or headphones or earphone or earphones)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 15:33
S12 9	73	antenna same (face or side) same speaker and wireless and (headset or headphone or headphones or earphone or earphones)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 15:33
S13 0	402	antenna and (face or side) same speaker and wireless and (headset or headphone or headphones or earphone or earphones)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:04
S13 1	4	("4653087"   "4907266"   "4928302"   "5694497").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 15:37
S13 2	18	("6006115").URPN.	USPAT	OR	OFF	2006/02/23 15:37
S13 3	6	("20020131585"   "20030211871"   "20040010181"   "20040028218"   "6230029"   "6671381").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 15:41
S13 4	150	antenna and (face or side) same speaker and wireless and (headset or headphone or headphones or earphone or earphones) and (hook or loop\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:09
S13 5	19	lin.in. and wireless and (earphone or headphone)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:10
S13 6	16	kao.in. and wireless and (earphone or headphone)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:12
S13 7	4	((("5960094") or ("3087028") or ("5787166") or ("6154539"))).PN.	USPAT	OR	OFF	2006/08/22 11:34
S13 8	1	S137 and antenna and power	USPAT	OR	OFF	2006/02/23 16:34
S13 9	53	"455"/\$.ccls. and wireless and player and (card near2 slot)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:41
S14 0	1	381/74,311,374,375,381,334.ccls. and wireless and player and (card near2 slot)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:49
S14 1	774	wireless and player and (card near2 slot)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:42

## EAST Search History

S14 2	531	wireless and player and (card near2 slot) and audio and display	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:42
S14 3	112	wireless and (player same (card near2 slot)) and audio and display	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:42
S14 4	1	381/74,311,374,375,381,334.ccls. and (rotary with power with switch)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:54
S14 5	12	"381"/\$.ccls. and (rotary with power with switch)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:55
S14 6	2346	(rotary with power with switch)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:55
S14 7	25	(rotary with power with switch) and (headphone or earphone or headset)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 16:56
S14 8	58	(rotary adj3 power adj2 switch)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 17:05
S14 9	17	("0938525"   "1201550"   "1220252"   "20020058230"   "2107791"   "2130388"   "2296793"   "3032879"   "4080476"   "4212105").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/23 16:59
S15 0	2	(rotary adj3 power adj2 switch) same antenna	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 17:05
S15 1	1	("6519448").PN.	USPAT	OR	OFF	2006/12/19 12:05
S15 2	1437626	L	USPAT	OR	OFF	2006/08/22 11:35
S15 3	1	S151 and digital	USPAT	OR	OFF	2006/08/22 11:44
S15 4	38	(wireless with digital with player) same audio same (headphones headphone earphones headset)	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	OFF	2006/12/19 16:38
S15 5	1	381/311,334,74.ccls. and (headphone headset earphone) same (digital near2 modulat\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 12:09
S15 6	0	((CD MP3 aduio) near2 player) same (headphone headset earphone) same (digital near2 modulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/14 17:11

## EAST Search History

S15 7	3	((CD MP3 audio) near2 player) same (headphone headset earphone) same (digital near2 modulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/14 17:12
S15 8	61	((CD MP3 audio) near2 player) same (headphone headset earphone)) and (digital near2 modulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/14 17:39
S15 9	86	((CD MP3 audio) near2 player) and (headphone headset earphone) and (digital near2 modulat\$3) and left and right	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/14 17:40
S16 0	0	watanuki.in. and music and modulat\$4 and (spread near3 spectrum)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/18 11:40
S16 1	0	watanuki.in. and music and (spread near3 spectrum)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/18 11:45
S16 2	1	watanuki.in. and music and (spread near3 spectrum)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/18 12:07
S16 3	32	((digital near2 modulator) same transmit\$4 same (spread near2 spectrum)) and (bluetooth wireless)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/18 11:50
S16 4	0	watanuki.in. and music and (time-division)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/18 12:07
S16 5	1	watanuki.in. and music and (time near2 division)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/18 12:07
S16 6	0	watanuki.in. and wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 12:05
S16 7	3	watanuki.in. and wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 12:05
S16 8	1	("6519448").PN.	USPAT	OR	OFF	2006/12/19 12:05
S16 9	1	S168 and wireless	USPAT	OR	OFF	2006/12/19 12:09
S17 0	9	381/311,334,74.ccls. and (digital near2 modulat\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 12:10

## EAST Search History

S17 1	346	(digital near2 modulat\$3) and (headset headphones headphone) and wireless	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 12:10
S17 2	7	((digital near2 modulator) same wireless) and (headset headphones headphone)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 12:11
S17 3	110	((digital near2 modulator) same wireless same transmitt\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 12:23
S17 4	1	("6519448").PN.	USPAT	OR	OFF	2006/12/19 15:50
S17 5	1	S174 and spread and spectrum and modulat\$3	USPAT	OR	OFF	2006/12/19 15:50
S17 6	30	(wireless) same audio same (headphones headphone earphones headset) same left same right same receiver	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	OFF	2006/12/19 16:52
S17 7	13	(wireless) same (headphones headphone earphones headset) same (left with right with separat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	OFF	2006/12/19 16:55
S17 8	187	(headphones headphone earphones headset) same (left with right with separat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO	OR	OFF	2006/12/19 16:58
S17 9	37	381/309,311,334,74,370.ccls. and (headphone headset earphone) same (left with right with (respective\$2 exclusive\$2))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 17:59
S18 0	37	381/309,311,334,74,370.ccls. and (headphone headset earphone) same (left with right with (respective\$2 exclusive\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/19 18:16
S18 1	6	("5050214").URPN.	USPAT	OR	OFF	2006/12/19 18:01
S18 2	10	("5581626").URPN.	USPAT	OR	OFF	2006/12/19 18:03
S18 3	10	("5581626").URPN.	USPAT	OR	OFF	2006/12/19 18:03
S18 4	6	("4433209"   "4763012"   "4949384"   "5050214"   "5056148"   "5161198").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 18:03
S18 5	10	("5581626").URPN.	USPAT	OR	OFF	2006/12/19 18:03

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S18 6	76	381/309,311,334,74,370.ccls. and (headphone headset earphone) and (left with right with (respective\$2 exclusive\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/19 18:36
S18 7	18	("5247293").URPN.	USPAT	OR	OFF	2006/12/19 18:22
S18 8	18	("5247293").URPN.	USPAT	OR	OFF	2006/12/19 18:22
S18 9	159	(headphone headset earphone) and (left with right with (respective\$2 exclusive\$2)) and wireless	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/19 18:37
S19 0	12	("2892039"   "3647985"   "3980832"   "4281217"   "4397947"   "4728949"   "4746919"   "4789973"   "4825209"   "4845751"   "5007050").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 18:36
S19 1	159	(headphone headset earphone) and ((left with right with (respective\$2 exclusive\$2)) same (exclusive\$2 respective\$2)) and wireless	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/19 18:38
S19 2	159	(headphone headset earphone) and ((left with right with (respective\$2 exclusive\$2)) same (exclusive\$2 respective\$2)) and wireless	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/19 18:44
S19 3	59	receiver same ((left with right with (respective\$2 exclusive\$2)) same (exclusive\$2 respective\$2)) and wireless	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/19 18:48
S19 4	5	receiver same (left with (earphone headphone) with (respective\$2 exclusive\$2)) and wireless	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/19 18:53
S19 5	0	((left near3 receiver) with (exclusive\$2) with right) and wireless	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/19 19:05

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S19 6	12	(left near3 receiver) same (right near2 receiver) same wireless	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/19 20:06
S19 7	11	("4087629"   "4118599"   "4139728"   "4349698"   "4817162"   "4980914"   "5119420"   "5121433"   "5677957"   "5717763"   "5784474").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 19:08
S19 8	0	("6246772").URPN.	USPAT	OR	OFF	2006/12/19 19:09
S19 9	0	("6246772").URPN.	USPAT	OR	OFF	2006/12/19 19:09
S20 0	12	("4829570"   "5272525"   "5319716"   "5349386"   "5410735"   "5491839"   "5581617"   "5625881"   "5666658"   "5673323"   "5832024"   "6023459").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 19:09
S20 1	23	("5319716").URPN.	USPAT	OR	OFF	2006/12/19 19:11
S20 2	51	((left near3 receiver) same (right near2 receiver)) and wireless and (audio sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/19 20:11
S20 3	253	(left same right same receiver) and wireless and (audio sound) and ((hearing near2 aid) headphone headset earphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/19 20:12
S20 4	21	("5771441").URPN.	USPAT	OR	OFF	2006/12/19 20:14
S20 5	32	("6424820").URPN.	USPAT	OR	OFF	2006/12/19 20:18
S20 6	12	("4019141"   "4229829"   "5264795"   "5404577"   "5437057"   "5568516"   "5694467"   "5771438"   "5771441"   "5867223"   "5978689"   "6006115").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 20:19
S20 7	376	381/311,334,74.ccls. and (headphone earphone headset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/19 20:24